

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 2004/051837

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04L 1/00, H04H 1/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, H04H, H04L, H04J, H04N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 20020016933 A1 (SMITH, D E ET AL), 7 February 2002 (07.02.2002), abstract --	1-28
P,X	GB 2399719 A (NOKIA CORP), 22 Sept 2004 (22.09.2004), page 3, line 23 - page 5, line 14; page 12, line 8 - line 12; page 13, line 10 - line 17 --	1-28
P,A	WO 2004079956 A1 (NOKIA CORP), 16 Sept 2004 (16.09.2004), page 3 - page 4 --	1-28
P,A	WO 2004079982 A1 (NOKIA CORP), 16 Sept 2004 (16.09.2004), page 3 - page 4 --	1-28

☐ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

9 February 2005

Date of mailing of the international search report

11-02-2005

Name and mailing address of the ISA/

Swedish Patent Office

Box 5055, S-102 42 STOCKHOLM

Facsimile No. +46 8 666 02 86

Authorized officer

Anders Edlund /LR

Telephone No. +46 8 782 25 00

INTERNATIONAL SEARCH REPORT

Information on patent family members

30/01/2005

International application No.

PCT/IB 2004/051837

US 20020016933 A1 07/02/2002

US 6823470 B 23/11/2004
AU 3495001 A 27/08/2001
WO 0161909 A 23/08/2001

GB 2399719 A 22/09/2004

GB 0306184 D 00/00/0000
WO 2004084477 A,B 30/09/2004

WO 2004079956 A1 16/09/2004

US 20050013274 A 20/01/2005
WO 2004079982 A 16/09/2004

WO 2004079982 A1 16/09/2004

GB 0306220 D 00/00/0000
GB 0309093 D 00/00/0000
US 20050013274 A 20/01/2005
WO 2004079956 A 16/09/2004